

AD60ABS

## Work Order ID 57642



Page 1

Wednesday, April 21, 2010 1:47:07 PM

Item ID: D350-602-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Pod, LH

Start Date: 4/12/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 4/30/2010 Req'd Qty: 1.00



Customer:

Reference: Return 2010 / RA110018

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date: 10-04-21

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D350-602

Rev. E

D 2694

Rev. H

100

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Original B45188 CHG001  
Pod is in good condition.

110

Spray Painting per QSI005 4.2

0.00



SprayPaint

Memo

0.00

Spray Painting

Clean and touch up the pod &amp; parts per QSI 005 where necessary.

Seal the holes in the doubler crazy glue.

- Remove AND Reinstall Rivets

AD60ABS B\*

112896

Qty 38

RT

10-05-06

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Fit is good. Rivets not loose (tight).  
RT no gap.

→ 8/10/07

W/O: 57642

## WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10-05-04	110	ensure part conforms w/ dwg 2694 Rev H. It's original Assembly.	RT	10-05-06			
10-05-04	110	install D2461 seal as per dwg 2694 Rev H to provide better seal D2461 B55054	RT	10-05-06			

Part No: D350-602-013 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_



NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			



NOTE: Date &amp; initial all entries

# Work Order ID 57642


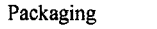
Wednesday, April 21, 2010 1:47:07 PM

Page 2

Item ID: D350-602-013 Accept  Setup Start   
Revision ID:  Stop   
Item Name: Heli-Utility-Pod, LH  
Start Date: 4/12/2010 Start Qty: 1.00  Cust Item ID:  
Required Date: 4/30/2010 Req'd Qty: 1.00  Customer:  
Reference: Return 2010 / RA110018

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start   
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130	Pick Kit	0.00							
	Packaging								
	Packaging								

Memo

0.00

New hardware & paperwork ; labels required with the new batch # @ CHG001. □  
Identify any hardware that may be original

*8/10/05/11*  
*P.O. is @ CHG002 for BG 10/05/11*

140	QC4- 100% Inspect kits for completeness	0.00							
-----	---	------	--	--	--	--	--	--	--

	QC								
--	----	--	--	--	--	--	--	--	--


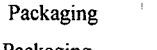
Memo

0.00

Ensure that the y hardware that may be original is identified on the w/o.

Quality Control. *8/10/05/11* *(to)*

150	Identify as per dwg & Stock Location: _____	0.00							
-----	---	------	--	--	--	--	--	--	--

	Packaging								
	Packaging								

Memo

0.00

*NU B*

*CHG002*

*8/15/12 (1)*

<b>DART</b> Dart Aerospace Ltd. 1270 ABERDEEN ST. HAWKESBURY ON CANADA K6A 1K7		TO APPROVAL #09-89 TEL: 1-613-632-5200	
P/N	D350-602-013	C/G	CHG001
DESC	Heli-Utility-Pod	STC	SH93-97
LOT	B45188	STC	SR01144NY
MODEL	AS350	STC	
MADE IN CANADA		02729-1	

**Work Order ID 57642**

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Page 3

Item ID: D350-602-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Pod, LH

Start Date: 4/12/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 4/30/2010 Req'd Qty: 1.00

Customer:

Reference: Return 2010 / RA110018

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21 - Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/17 *[Signature]*  
By 10-5-13  
①

# Picklist Print

Wednesday, April 21, 2010 1:47:07 PM

Page 1

Work Order ID: 57642



Parent Item: D350-602-013



Parent Item Name: Heli-Utility-Pod, LH

Start Date: 4/12/2010

Required Date: 4/30/2010

Comments: IPP Rev:A New Issue 06-05-01 JLM IPP Rev:B Added D3495-1 06-05-17  
JLM IPP RevC: add route seq DD 10.01.07 verified by:EC  
IPP Rev:C 09-02-03 update dwg rev's DD verified by:EC IPP Rev:D add  
D2202-1 and D2202-5 DD 10.04.07 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

AD62ABS	Purchased	No	140	Each	584.0000	38.0000	
rivet							IT 10-05-205

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		

Main Warehouse

ST281

584

112896

584

X36

AN4-5A	Purchased	No	140	Each	302.0000	19.0000	
Bolt							

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		

Main Warehouse

ST356

302

112933

96

114108

200

114330

140

Each

1,041.000

1.0000

AN4-6A	Purchased	No	140	Each	1,041.000	1.0000	
Bolt							

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		

Main Warehouse

ST356

1041

112829

141

112933

300

113149

600

See attached  
New picklist  
DST9505

# Picklist Print

May 10, 2010 2:23:45 PM

Page 1

Work Order ID: 57642

Parent Item: D350-602-013

Parent Item Name: Heli-Utility-Pod, LH

Comments: IPP Rev:A New Issue 06-05-01 JLM IPP Rev:B Added D3495-1 06-05-17  
JLM IPP RevC: add route seq DD 10.01.07 verified  
by:EC IPP REV:D AS PER ECN 10-558 JLM 10-04-27  
VERIFIED BY:DD

Start Date: 4/12/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

AD62ABS



rivet

Purchased

No

Each

470.0000

*Used on pg 1 of original picklist*

Location

Loc Qty

Loc Code

ST281

470

112896

470

AN3-15A



Bolt

Purchased

No

Each

56.0000

Location

Loc Qty

Loc Code

ST352

56

101780

56

AN3-7A



Bolt

Purchased

No

Each

63.0000

Location

Loc Qty

Loc Code

ST351

63

113539

14

114227

49

AN4-12A



Bolt

Purchased

No

Each

241.0000

Location

Loc Qty

Loc Code

ST357

241

112314

238

11925

3

*1101780*

*1114227*

*112314*

*11/07/11 @*

# Picklist Print

May 10, 2010 2:23:45 PM

Work Order ID: 57642

Parent Item: D350-602-013

Parent Item Name: Heli-Utility-Pod, LH

Comments: IPP Rev:A New Issue 06-05-01 JLM IPP Rev:B Added D3495-1 06-05-17  
JLM IPP RevC: add route seq DD 10.01.07 verified  
by:EC IPP REV:D AS PER ECN 10-558 JLM 10-04-27  
VERIFIED BY:DD

Start Date: 4/12/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

AN4-14A Purchased No Each 255.0000 16  
Bolt

Location	Loc Qty	Loc Code
ST357	239	
114582	239	
ST358	16	
113359	16	

M/14582

AN4-16A Purchased No Each 165.0000 4  
Bolt

Location	Loc Qty	Loc Code
ST358	165	
114129	15	
114330	50	
114523	100	

M/14129

AN960JD10 NA 51149203635 Purchased No Each 0.0000 24  
Washer

AN960JD416 NA 51149204635 Purchased No Each 0.0000 42  
Washer

D2258-160 Manufactured No Each 2.0000 1  
Placard

Location	Loc Qty	Loc Code
ST505	2	
32986	2	

32986

# Picklist Print

May 10, 2010 2:23:45 PM

Work Order ID: 57642

Parent Item: D350-602-013

Parent Item Name: Heli-Utility-Pod, LH

Comments: IPP Rev:A New Issue 06-05-01 JLM IPP Rev:B Added D3495-1 06-05-17  
JLM IPP RevC: add route seq DD 10.01.07 verified  
by:EC IPP REV:D AS PER ECN 10-558 JLM 10-04-27  
VERIFIED BY:DD

Start Date: 4/12/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

D2324

Strut

Manufactured No

Each 6.0000

## Location

## Loc Qty

## Loc Code

ST511

6

57555

6

Each

6.0000

D2523

Mounting Bracket

Manufactured No

## Location

## Loc Qty

## Loc Code

ST199

6

36395

6

Each

7.0000

D2524

Bracket Clamping

Manufactured No

## Location

## Loc Qty

## Loc Code

ST481

7

36396

7

Each

12.0000

D3495-1

Placard

Manufactured No

## Location

## Loc Qty

## Loc Code

ST065

12

43778

2

55564

10



# Picklist Print

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Page 4

Work Order ID: 57642

Parent Item: D350-602-013

Parent Item Name: Heli-Utility-Pod, LH

Comments: IPP Rev:A New Issue 06-05-01 JLM IPP Rev:B Added D3495-1 06-05-17  
JLM IPP RevC: add route seq DD 10.01.07 verified  
by:EC IPP REV:D AS PER ECN 10-558 JLM 10-04-27  
VERIFIED BY:DD

Start Date: 4/12/10

Required Date: 4/30/10

Start Qty: 1.00

Required Qty: 1.00

D3910-3 Manufactured No

Each 24.0000

4



Crosstube Lug

## Location

## Loc Qty

## Loc Code

st507

24

58185

24

D3984

Manufactured No

f

474.2750

2



Rubber Extrusion, Crosstube

## Location

## Loc Qty

## Loc Code

ST408

474.275

53707

474.275

8 X D3984-030

D4091-1

Manufactured No

Each

8.0000

4



Mounting Lug

## Location

## Loc Qty

## Loc Code

ST460

8

58098

8

MS21042L3

Purchased

No

Each

1.619.000

12



Nut

## Location

## Loc Qty

## Loc Code

ST300

1619

113537

20

113644

599

114523

1000

May 10, 2010 2:23:46 PM

Shop Packet Print

Page 4

# Picklist Print

May 10, 2010 2:23:46 PM

Page 5

Work Order ID: 57642



Parent Item: D350-602-013



Parent Item Name: Heli-Utility-Pod, LH

Start Date: 4/12/10

Required Date: 4/30/10

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JLM IPP RevC: add route seq DD 10.01.07 verified  
by:EC IPP REV:D AS PER ECN 10-558 JLM 10-04-27  
VERIFIED BY:DD

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

2,266.000

21

5

*Proprietary*



Nut

## Location

## Loc Qty

## Loc Code

ST139

2

111827

2

ST300

2082

113422

80

114523

1994

9063

8

ST463

182

114416

182

*1114416*


May 10, 2010 2:23:47 PM

Shop Packet Print

Page 5

Qty	Part Number	Description
X	D2694	UTILITY POD ASSEMBLY
1	D2202-1	POD LID
1	D2202-3	POD BASE
5	D2204-9	LATCH
1	D2429-041	SPRING CLIP ASSEMBLY
1	D2461-1700	NEOPRENE SEAL
5	D2528-1	BACKER PLATE
4	D2528-3	BACKER PLATE
1	D2569	HINGE
1	D3007-041	PROP ASSEMBLY
19	AN4-5A	BOLT
1	AN4-6A	BOLT
2	AN526C632R7	SCREW
21	AN960JD416	WASHER
2	AN960JD6	WASHER
2	MS21042L06	NUT (OR MS21042-06)
20	MS21042L4	NUT (OR MS21042-4)
38	AD62ABS	RIVET

# **GENERAL NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: PRIME AND PAINT PER QSI 005 4.2 TO MATCH ORIGINAL FINISH  
AS REQ'D TO TOUCH UP FINISH AFTER DRILLING OR ASSEMBLY   
INSIDE: DUPONT HIGHBUILD PRIMER GREY 1144-S  
OR DUPONT 2K-URETHANE PRIMER GREY 7704-S  
OUTSIDE: DUPONT IMRON POLYURETHANE ENAMEL BASE WHITE (555U)
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 48.5 lbs
- 8) TRANSFER DRILL UNSPECIFIED HOLES FROM ATTACHING PART AS FOLLOWS: AN526C632 → DRILL Ø0.141  
AN4 → DRILL Ø0.257
- 9) SEAL ALL HOLES AND EDGES OF POD WITH CYANOACRYLATE GLUE
- 10) FOR D2569 HINGE:
  - (i) INSTALL RIVET HEADS FROM OUTSIDE OF POD
  - (ii) GRIND TRAILING EDGE OF RIVET TO PERMIT HINGE TO CLOSE
  - (iii) ENSURE ALL RIVET HOLES ARE DRILLED ON THE LARGER HINGE TABS AS SHOWN IN DETAIL A

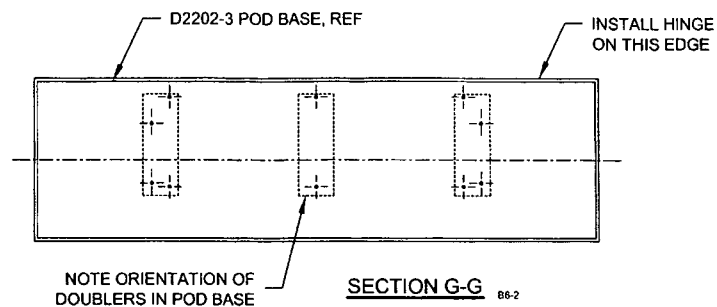
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*57642*

**REFERENCE ONLY**

**RELEASED**  
2010-04-29

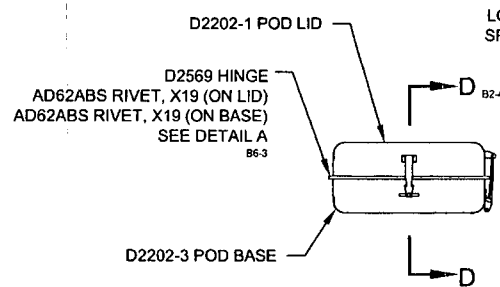
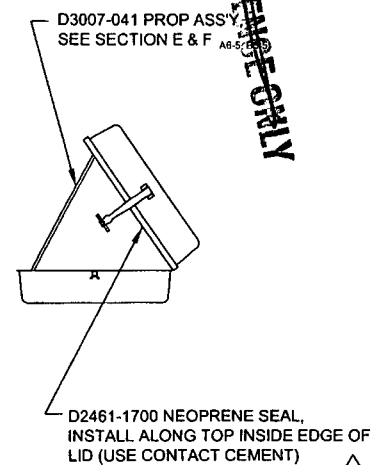
I	REFORMAT, D2204-9 LOC SPEC'D (B2-4,B6-4,C2-4,C6-4,B6-5,C6-5), D2461-X WAS D2462-X (D5-1,B1-2), ADD FINISH (B5-1)	CP	10.04.20
H	CHANGED RIVETS FROM AD64ABS TO AD62ABS (PAR#185)	DC	07.07.18
G	REVERT BACK TO D2204-9 LATCH	CP	01.05.08
F	REDESIGN, CHANGE LATCHES & PROP	CP	01.03.20
E	CHANGE DIMENSIONS	RF	99.12.20
D	SEAL & HINGE CHANGE (TSR A1047 & A855/A858); INCLUDED DEC09119	CP	99.01.08
C	ADD DOUBLER HOLES, REMOVE FINISH	KE	98.11.12
B	CHANGE RIVET PATTERN, ADD D2429	KE	97.10.08
A	NEW ISSUE CREATED TO REPLACE D350-602-041 AND -043	KE	97.07.02
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2694 TITLE UTILITY POD ASSEMBLY SCALE NTS COPYRIGHT © 1997 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DRAWN	JP		
CHECKED			
MFG. APPR.			
DE APPR.			
DATE	10.04.20		

8 7 6 5 4 3 2 1

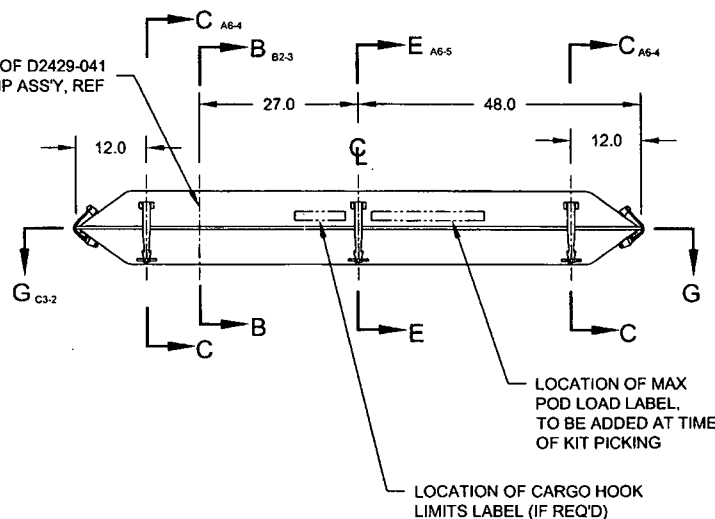


*WU 57642*

**REFERENCE ONLY**



LOCATION OF D2429-041  
SPRING CLIP ASSY, REF



**D2694 UTILITY POD ASSEMBLY**

**RELEASED**  
2010-04-29  
*mm*

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>JP</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>JP</i>	DRAWING NO.	REV. 1
MFG. APPR.	<i>JP</i>	D2694	SHEET 2 OF 5
APPROVED	<i>JP</i>	TITLE	SCALE
DE APPR.	<i>JP</i>	UTILITY POD ASSEMBLY	NTS
DATE	10.04.20	<small>COPYRIGHT © 1997 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1

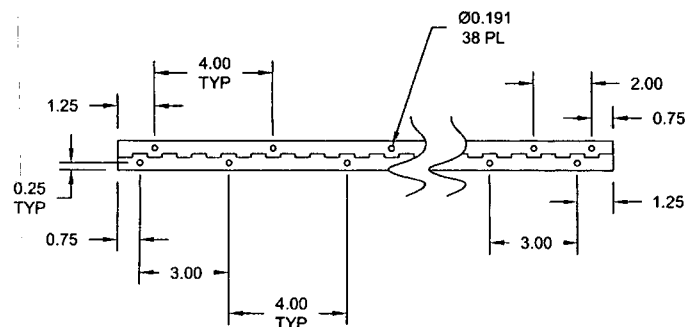
8 7 6 5 4 3 2 1

D

C

B

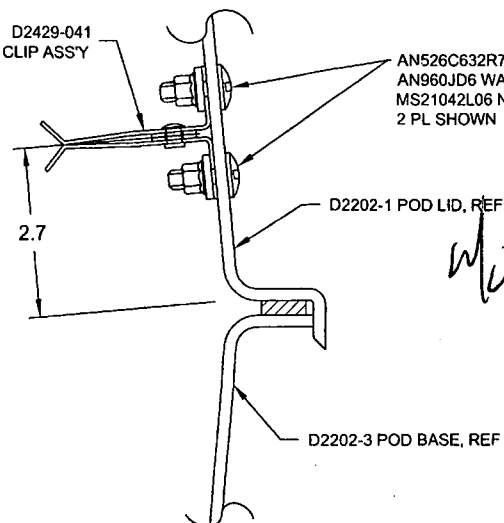
A



DETAIL A: HINGE  
NOT TO SCALE

10  
C7-2

D2429-041  
SPRING CLIP ASS'Y



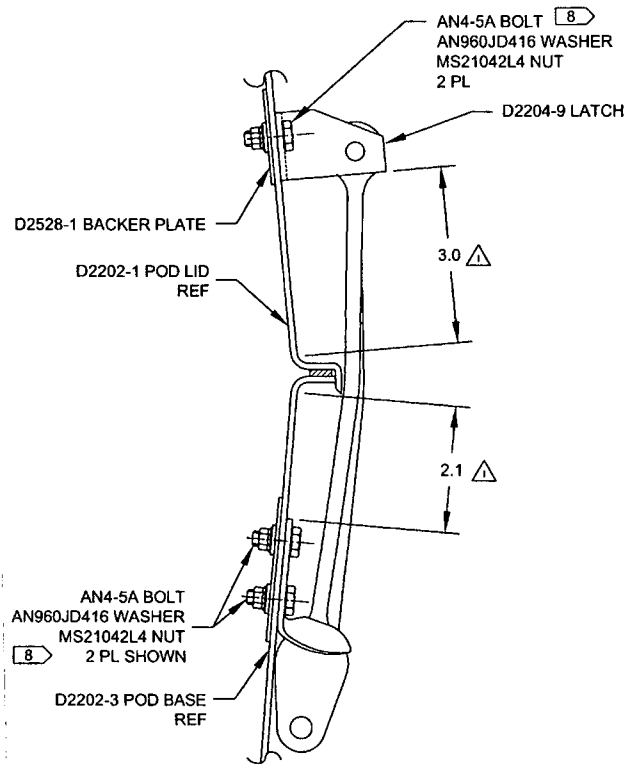
SECTION B-B  
NOT TO SCALE

C5-2

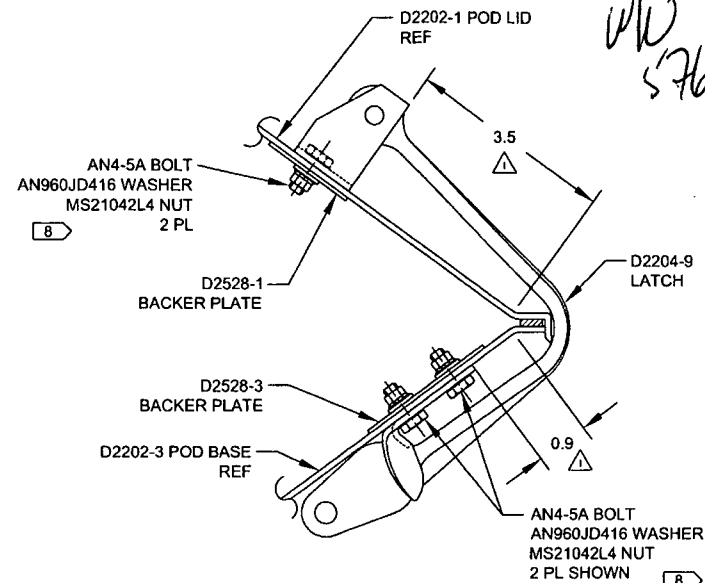
RELEASED  
2010-04-29  
MD

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DRAWN	JP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV.
MFG. APPR.	JP	D2694	SHEET 3 OF 5
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	UTILITY POD ASSEMBLY	NT
DATE	10.04.20	COPYRIGHT © 1997 BY DART AEROSPACE LTD	
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8 7 6 5 4 3 2 1



SECTION C-C C3-2, C5-2  
SCALE 10X



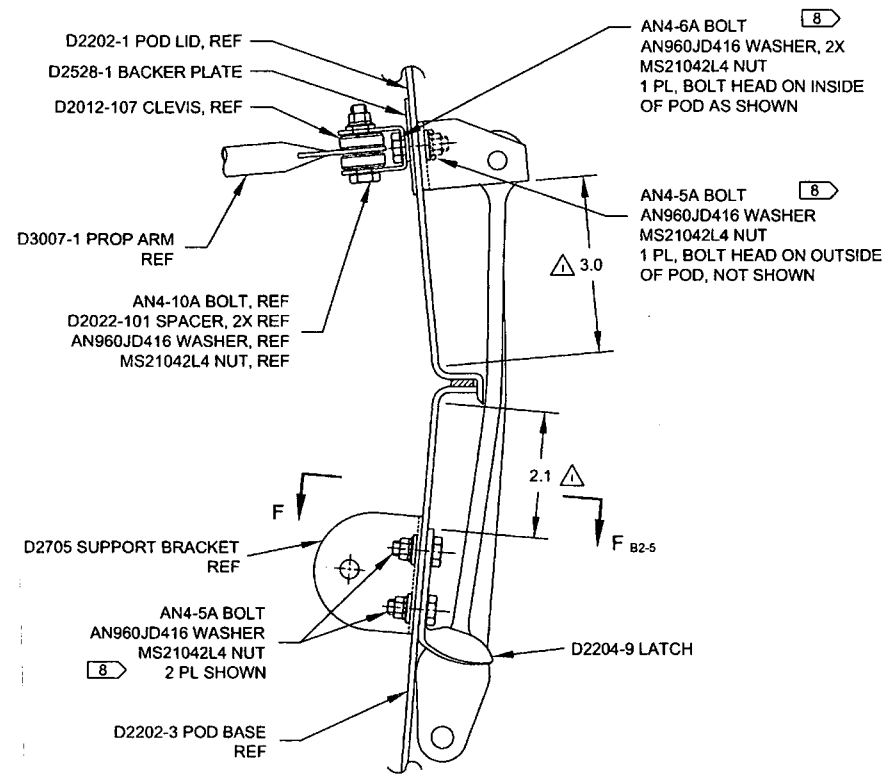
SECTION D-D C6-2  
SCALE 10X

RELEASED  
2010-04-29

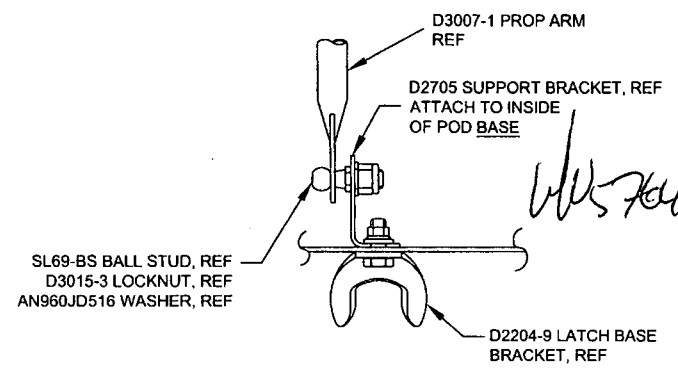
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DRAWN	JP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. 1
MFG. APPR.	JP	D2694	SHEET 4 OF 5
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	UTILITY POD ASSEMBLY	NTS
DATE	10.04.20	COPYRIGHT © 1997 BY DART AEROSPACE LTD	
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8 7 6 5 4 3 2 1

D  
C  
B  
A



SECTION E-E C4-2  
SCALE 10X



SECTION F-F B5-5  
D3007-041 PROP ASS'Y DETAIL  
SECTION ROTATED 85° CW

**RELEASED**  
2010-04-29

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	JP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. 1
MFG. APPR.	JP	D2694	SHEET 5 OF 5
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	UTILITY POD ASSEMBLY	NTS
DATE	10.04.20	<small>COPYRIGHT © 1997 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1



DESIGN 97/	DRAWN BY JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED B	APPROVED H	DRAWING NO. D2694	REV. H SHEET 1 OF 4
DATE 07.07.18		TITLE UTILITY POD ASSEMBLY	SCALE REV NTS
A	97.07.02	NEW ISSUE CREATED TO REPLACE D350-602-041 AND -043	
B	97.10.08	CHANGE RIVET PATTERN, ADD D2429	
C	98.11.12	ADD DOUBLER HOLES, REMOVE FINISH	
D	99.01.08	SEAL & HINGE CHANGE (TSR A1047 & A855/A858); INCLUDED DE09119	
E	99.12.20	CHANGE DIMENSIONS	
F	01.03.20	REDESIGN, CHANGE LATCHES & PROP	
G	01.05.08	REVERT BACK TO D2204-9 LATCH	
H	07.07.18	CHANGED RIVETS FROM AD64ABS TO AD62ABS (PAR#185)	

RELEASED  
07.07.23

UNDER REVIEW

10.04.20

Qty	Part Number	Description
1	D2202-1	POD LID
1	D2202-3	POD BASE
5	D2204-9	LATCH
1	D2429-041	SPRING CLIP ASSEMBLY
1	D2462-1700	NEOPRENE SEAL
5	D2528-1	BACKER PLATE
4	D2528-3	BACKER PLATE
1	D2569	HINGE
1	D3007-041	PROP ASSEMBLY
19	AN4-5A	BOLT
1	AN4-6A	BOLT
2	AN526C632R7	SCREW
21	AN960JD416	WASHER
2	AN960JD6	WASHER
2	MS21042L06	NUT (OR MS21042-06)
20	MS21042L4	NUT (OR MS21042-4)
38	AD62ABS	RIVET



#### GENERAL NOTES:

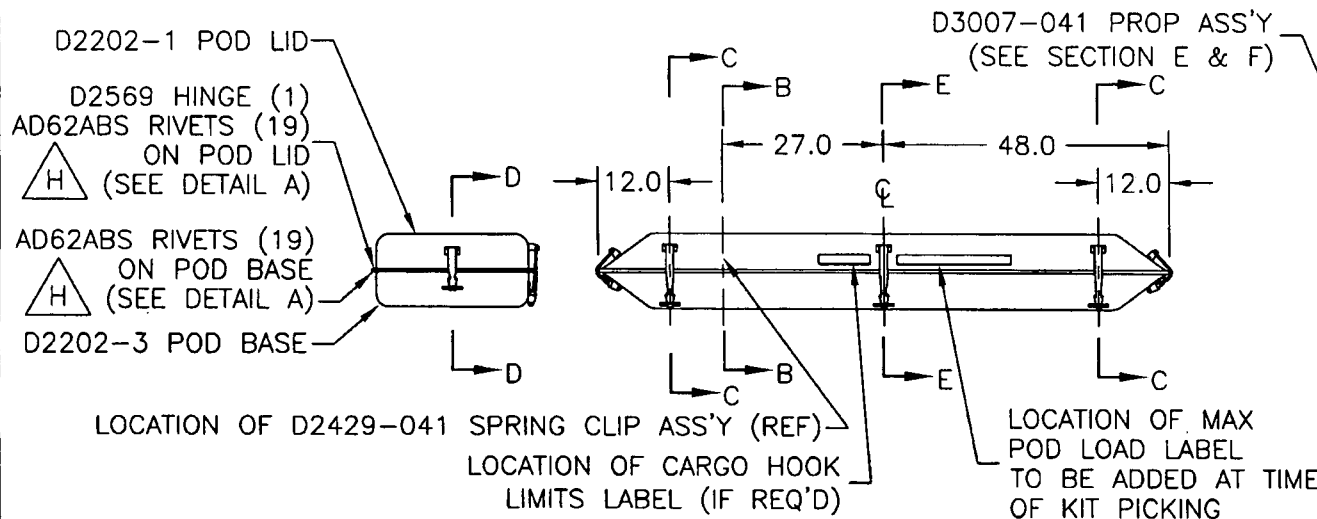
- TRANSFER DRILL UNSPECIFIED HOLES FROM ATTACHING PART AS FOLLOWS: AN526C632 → DRILL Ø0.141  
AN4 → DRILL Ø0.257
- SEAL ALL HOLES AND EDGES OF POD WITH CYANOACRYLATE GLUE
- FOR D2569 HINGE:
  - INSTALL RIVET HEADS FROM OUTSIDE OF POD
  - GRIND TRAILING EDGE OF RIVET TO PERMIT HINGE TO CLOSE
  - ENSURE ALL RIVET HOLES ARE DRILLED ON THE LARGER HINGE TABS AS SHOWN IN DETAIL A
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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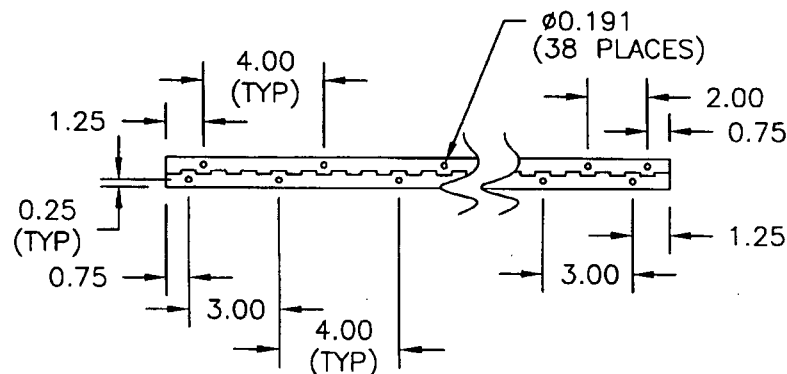
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Q210/5107  
W10: 57642

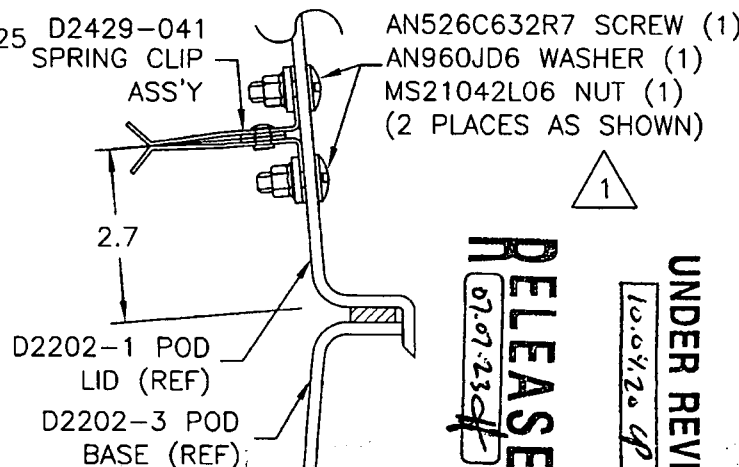




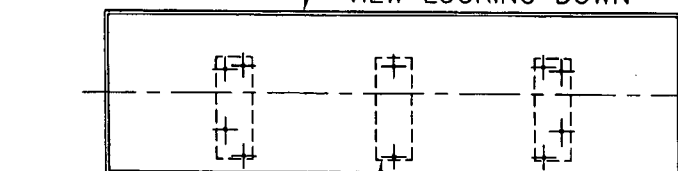
**DETAIL A: HINGE**  
 NOT TO SCALE



**SECTION B-B**  
 SCALE 2:3



D2202-3 POD BASE (REF)  
 VIEW LOOKING DOWN



NOTE ORIENTATION OF DOUBLERS IN POD BASE  
 INSTALL HINGE ON THIS EDGE

W/O: 57642

**RELEASED**  
 07.07.23

**UNDER REVIEW**  
 10.04.2019



DESIGN	901	DRAWN BY	DC	DART AEROSPACE LTD
CHECKED	18	APPROVED	18	HAWKESBURY, ONTARIO, CANADA
DATE	07.07.18	DRAWING NO.	D2694	REV. H
		TITLE	UTILITY POD ASSEMBLY	SHEET 2 OF 4
		SCALE	1:30	



DESIGN <i>GP</i>	DRAWN BY <i>BC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>AB</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2694	REV. H SHEET 3 OF 4
DATE 07.07.18		TITLE UTILITY POD ASSEMBLY	SCALE 1:2

**RELEASED**  
07.07.23

D2528-1 BACKER PLATE

D2202-1 POD LID (REF)

AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES)



D2204-9 LATCH

**UNDER REVIEW**

10.04.20

**SECTION C-C**  
SCALE 1:2



AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES AS SHOWN)

D2202-3  
POD BASE (REF)

AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES)



**SECTION D-D**  
SCALE 1:2

D2528-1  
BACKER PLATE

D2528-3  
BACKER PLATE

D2202-3  
POD BASE  
(REF)

D2202-1  
POD LID  
(REF)

3.00  
(REF)

D2204-9  
LATCH

0.45  
(REF)

AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES AS SHOWN)



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DESIGN <i>GP</i>	DRAWN BY <i>BC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>JB</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2694	REV. H SHEET 4 OF 4
DATE 07.07.18		TITLE UTILITY POD ASSEMBLY	SCALE 1:2

D2202-1 POD LID (REF)  
D2528-1 BACKER PLATE  
D2012-107 CLEVIS (REF)

AN4-6A BOLT (1)  
AN960JD416 WASHER (2)  
MS21042L4 NUT (1)  
(1 PLACE, BOLT HEAD ON  
INSIDE OF POD AS SHOWN)



D3007-1  
PROP ARM (REF)

AN4-10A BOLT (1, REF)  
D2022-101 SPACER (2, REF)  
AN960JD416 WASHER (1, REF)  
MS21042L4 NUT (1, REF)

AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(1 PLACE, BOLT HEAD ON  
OUTSIDE OF POD, NOT SHOWN)



D2705 SUPPORT  
BRACKET (REF)

D2204-9 LATCH

AN4-5A BOLT (1)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES AS SHOWN)



D2202-3 POD BASE (REF)

**SECTION E-E**  
SCALE 1:2

*w/o 37642*

**RELEASED**  
*07.07.23*

**SECTION F-F**  
SCALE 1:2

SECTION ROTATED 85° CW

**UNDER REVIEW**

*GP 10.04.20*

SL69-BS BALL STUD (1, REF)  
D3015-3 LOCKNUT (1, REF)  
AN960JD516 WASHER (1, REF)

D3007-1 PROP  
ARM (REF)

D2705 SUPPORT  
BRACKET (REF)  
ATTACH TO INSIDE  
OF POD BASE

D2204-9  
LATCH BASE  
BRACKET  
(REF)

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REFERENCE ONLY

6.0 PART LIST (D350-602 Rev. E)  
25.7 PARTS LIST (ICA-D350-602 Rev. 0)

Qty D350-602 -011	Qty D350-602 -013	Qty D350-602 -014	Qty DSI9052 -013	Part Number	Description
X	X			D350-602-011	HELL-UTILITY-POD™ (FITS BOTH LH/ RH)
				D350-602-013	HELL-UTILITY-POD™, LH
		X		D350-602-014	HELL-UTILITY-POD™, RH
			X	DSI9052-013	QUICK RELEASE KIT
1				D2694	POD ASSEMBLY (LH OR RH)
	1			D3322-041	POD ASSEMBLY (LH)
		1		D3322-042	POD ASSEMBLY (RH)
1	1	1		*D2202-1	POD LID
1				*D2202-3	POD BASE
	1	1		*D2202-5	POD BASE
5	5	5		*D2204-9	LATCH
1	1	1		*D2429-041	SPRING CLIP ASSEMBLY
1	1	1		*D2461-1700	NEOPRENE 'D' SEAL
5	5	5		*D2528-1	BACKER PLATE
4	4	4		*D2528-3	BACKER PLATE
1	1	1		*D2569	HINGE
1	1	1		*D3007-041	PROP ASSEMBLY
1	1	1		** D2012-107	CLEVIS
2	2	2		** D2022-101	SPACER
1	1	1		** D2705	SUPPORT BRACKET
1	1	1		** D3007-1	STRUT
1	1	1		** D3015-3	LOCKNUT
1	1	1		** AN4-10A	BOLT
1	1	1		** AN960JD416	WASHER
1	1	1		** MS21042L4	NUT (OR MS21042-4)
1	1	1		** SL69-BS	BALL STUD
1	1	1		** AN960JD516	WASHER
19	19	19		AN4-5A	BOLT
1	1	1		AN4-6A	BOLT
2	2	2		AN526C632R7	SCREW
21	21	21		AN960JD416	WASHER
2	2	2		AN960JD6	WASHER
2	2	2		MS21042L06	NUT (OR MS21042-06)
20	20	20		MS21042L4	NUT (OR MS21042-4)
				ID4091E1	LUG
				ID391013	LUG
1				ID2258160	LABEL
1				ID23241	STRUT ASSEMBLY
2				ID2523	MOUNTING BRACKET
2				ID2524	SIDE PLATE
1				ID34951	PLACARD
8				D3984030	RUBBER EXTRUSION
4				AN3-7A	BOLT
8				AN3-15A	BOLT
1				AN4-12A	BOLT
16				AN4-14A	BOLT
4				AN4-16A	BOLT
24				AN960JD10	WASHER
42				AN960JD416	WASHER
12				MS21042L3	NUT (OR MS21042-3)
21				MS21042L4	NUT (OR MS21042-4)
			1	BLRS-010	QUICK RELEASE PIN (1" GRIP)
			3	BLRS-020	QUICK RELEASE PIN (1.5" GRIP)

\* INCLUDED IN D2694 OR D3322-041/042 POD ASSEMBLIES LISTED ABOVE  
\*\* INCLUDED IN D3007-041 PROP ASSEMBLY LISTED ABOVE

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-0-01

APPROVED  
BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 10.04.23  
CERT. NO.: S123-97  
ISSUE NO.: 5

DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	DSI 9515	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LUG MODIFICATION	NTS
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W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Status	Item ID	Rev	Name	Start Date	Quantity	Per	UOM	Op D	ute Seq	rap	Qunmend N	EC ID	CX I	Sort	e Offs	n Ty	Per	h to	re	Date Last	Mod	Add Date
✓	D2258-160		Placard	5/04/10	1.0000		Each		110	0	0.			4	0	M...				5/04/10 3...	5/04/...	
✓	D3984		Rubber Extrusion,...	5/04/10	2.0000	f			110	0	0.			9	0	M...				5/04/10 3...	5/04/...	
✓	AN4-16A		Bolt	5/04/10	4.0000		Each		110	0	0.			14	0	M...				5/04/10 3...	5/04/...	
✓	D3495-1		Placard	5/04/10	1.0000		Each		110	0	0.			8	0	M...				5/04/10 3...	5/04/...	
✓	D3322-041		Pod Assembly	5/04/10	1.0000		Each		110	0	0.			1	0	M...				5/04/10 3...	5/04/...	
✓	AN960JD416		Washer	5/04/10	42.0000		Each		110	0	0.			16	0	M...				5/04/10 3...	5/04/...	
✓	AN3-15A		Bolt	5/04/10	8.0000		Each		110	0	0.			11	0	M...				5/04/10 3...	5/04/...	
✓	D4091-1		Mounting Lug	5/04/10	4.0000		Each		110	0	0.			2	0	M...				5/04/10 3...	5/04/...	
✓	AN3-7A		Bolt	5/04/10	4.0000		Each		110	0	0.			10	0	M...				5/04/10 3...	5/04/...	
✓	D3910-3		Crosstube Lug	5/04/10	4.0000		Each		110	0	0.			3	0	M...				5/04/10 3...	5/04/...	
✓	D2523		Mounting Braket	5/04/10	2.0000		Each		110	0	0.			6	0	M...				5/04/10 3...	5/04/...	
✓	D2324-1		Strut Assembly	5/04/10	1.0000		Each		110	0	0.			5	0	M...				5/04/10 3...	5/04/...	
✓	AN4-12A		Bolt	5/04/10	1.0000		Each		110	0	0.			12	0	M...				5/04/10 3...	5/04/...	
✓	MS21042L3		Nut	5/04/10	12.0000		Each		110	0	0.			17	0	M...				5/04/10 3...	5/04/...	
✓	AN4-14A		Bolt	5/04/10	16.0000		Each		110	0	0.			13	0	M...				5/04/10 3...	5/04/...	
✓	MS21042L4		Nut	5/04/10	21.0000		Each		110	0	0.			18	0	M...				5/04/10 3...	5/04/...	
✓	AN960JD10		Washer	5/04/10	24.0000		Each		110	0	0.			15	0	M...				5/04/10 3...	5/04/...	
✓	D2524		Bracket Clamping	5/04/10	2.0000		Each		110	0	0.			7	0	M...				5/04/10 3...	5/04/...	

REFERENCE ONLY